PRIMARY TARGETS

- Customers who are milling non-ferrous material.
- Rough and finish milling up from 3D to 5D.

SOLUTIONS

- Stable, high efficiency milling with new flute design.
- Excellent surface finish due to welding prevention by DLC coating.

WHAT OUR CUSTOMERS SEE

- Higher MRR and longer tool life.

HOW DOES IT WORK?

Center Cutting
- R ramping and plunging process helps to shorten cycle time by improving the tool path.

New Flute Form
- Balanced flute design that has high rigidity and large chip pocket make more stable and higher productivity.

DLC coating
- High welding resistance and lubricity makes better surface finish of work piece in non-ferrous machining.
A Brand AE-TL-N
A Brand AE-TL-N are OSG’s advanced performance DLC coated carbide end mills for non-ferrous materials. With excellent cutting sharpness, they are able to suppress burrs to achieve excellent surface finish and are extremely effective for non-ferrous materials such as aluminum alloys that require welding resistance and lubricity.

Features & Benefits
- Center Cutting Edge Ideal for Plunging.
- Large Core & New Flute Form for high rigidity and excellent chip evacuation.
- Unique Cutting Edge achieves both rigidity and sharpness.
- DLC Super Hard Coating for superior surface accuracy.

List Numbers
- 8630 - A Brand AE-TL-N (Inch)
- 8730 - A Brand AE-TL-N (Metric)

Size Range
- 1/8"-1" (Inch)
- 3mm-12mm (Metric)

Large Core & New Flute Form
High Rigidity and Excellent Chip Evacuation
Rigidity is enhanced by increasing the core thickness, which enables the suppression of chattering. By adopting an optimal flute form, high rigidity can be maintained while ensuring trouble-free chip evacuation.

High Efficiency Milling
High Efficiency Even in Slotting with 3D Length of Cut

Applicable Cutting Conditions

For more information use your phone to scan the QR code to the right and visit: osgtool.com/a-brand-ae-n